

Name:

Date:

CORNELL NOTETAKING

Key Words

Use wheel for transportation

Improve pottery making process:

- Used in Mesopotamia circa 3 250 BCE
- Possible first used to create pottery
- Used for easier movement of items like ploughs, carts, war chariots.
- Used animals like donkeys, and oxen to pull

Produce large amount of copper and use to make tools and weapons:

Used kiln: an oven that is enclosed used to make bricks plus pottery
Kiln can reach high temperature
High temperature allows brick to become more touch nd hard vs sundried bricks

Watering Fields:

Stronger tools created by mixing copper and tin to make bronze
Improved tool strength allow for making superior boats and land allow to trade with faraway places

Studying the stars (astronomy):

- 1st carried water from the river to their fields
- Soon after dug canals and channels of water that will flow from the river to the fields

Advanced Engineering ability:

Priests determined best time to till, plant, and harvest the fields.
Invented a calendar with two seasons: summer and winter
-Calendar based on aspects of the moon
-Calendar had 12 months of 30 days

Made efficient number system:

Used mathematic understanding to build large temples and complicated systems such as canals, dikes, and ditches
Created number-system based on sixty, which was used by mathematicians and astronomers till the 1600
System is still being used today for measuring angles and time

Had clay tablets that dated to about 3000 BCE
To represent 5 Barres of oil symbol for oil was drawn 5 times
City grew, needed to keep record of economic activities grew bigger.
Developed a system that divides symbols to amounts
To represent 5 barrels of oil in the developed system they would have drown the symbols of five and the symbol for oil
New system was helpful with large amounts.

Connections and Reflections (Summary)

Legacy of Sumerians talk about the important things they have clone that we still use today, for example pottery, wheels, tools, watering fields, studying the stars, their engineering ability, and their efficient number system. All of this small inventions they have made have been improved as the time goes by.